PATENT COOPERATION TREATY

PCT

TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 41639		FOR FURTHER ACTION	ON	See Form PCT/IPEA/416				
International ap	plication No.	International filing date (da	ıy/month/year)	Priority date (day/month/year)				
PCT/JP2	2004/017255	19.11.2004		21.11.2003				
International Patent Classification (IPC) or national classification and IPC								
B25J15/06								
Applicant MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD.								
 This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 								
2. This R	REPORT consists of a total of	3	sheets, including	this cover sheet.				
3. This report is also accompanied by ANNEXES, comprising:								
a. 🛭	a. (sent to the applicant and to the International Bureau) a total of 2 sheets, as follows:							
sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).								
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.								
b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s))								
J	(Sem to the Incimatorial)	ourcus omy) a total of (make	the type and number					
, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).								
4. This re	eport contains indications relati	ng to the following items:						
	Box No. I Basis of the	report						
	Box No. II Priority							
	Box No. III Non-establishment of opinion with re			ve step and industrial applicability				
	Box No. IV Lack of unit	ty of invention						
	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
	Box No. VI Certain documents cited							
	Box No. VII Certain defe	ects in the international appli	cation					
	Box No. VIII Certain observations on the international application							
Date of submission of the demand			of completion of thi	s report				
Name and mailing address of the IPEA/JP			orized officer					
Facsimile No			phone No					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/JP2004/017255

Box No. I Basis of the report With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item. This report is based on translations from the original language into the following language ___ which is the language of a translation furnished for the purposes of: international search (Rule 12.3 and 23.1(b)) publication of the international application (Rule 12.4) international preliminary examination (Rule 55.2 and/or 55.3) With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the international application as originally filed/furnished the description: as originally filed/furnished received by this Authority on received by this Authority on the claims: as originally filed/furnished as amended (together with any statement) under Article 19 received by this Authority on _____ received by this Authority on the drawings: as originally filed/furnished sheets received by this Authority on sheets* received by this Authority on sheets* a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing. The amendments have resulted in the cancellation of: the description, pages the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)). the description, pages ___ the claims, nos. the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): If item 4 applies, some or all of those sheets may be marked "superseded."

International application No.
PCT/JP2004/017255

Box		soned statement under Ar tions and explanations sup	ticle 35(2) with regard to novelty, inventive step or industrial applicability; oporting such statement	
1.	Statement			
	Novelty (N)	Claims	1-10	YES
		Claims		NO
Inventive step (IS)		(IS) Claims		YES
		Claims	1-10	NO
	Industrial appl	icability (IA) Claims	1-10	YES
		Claims		_ NO

2. Citations and explanations (Rule 70.7)

Claims 1, 2 and 4 to 10

It would have been easy to conceive of applying the structure disclosed in document 2 (JP 49-101974 A (Hitachi, Ltd.)) cited in the international search report, for example, as the floating structure of the suction head disclosed in document 1 (JP 4-13590 A (Hitachi Electronics Engineering Co., Ltd.)) cited in the international search report.

Such being the case, the inventions set forth in claims 1, 2 and 4 to 10 do not involve an inventive step in the light of documents 1 and 2.

Claim 3

Document 1 does not specifically indicate whether the invention disclosed therein employs a spring or not. However, document 3 (JP 34-2757 B (Mitsubishi Nippon Jukogyo Kabushiki Kaisha)) cited in the international search report discloses a configuration that employs a spring.

Such being the case, the invention set forth in claim 3 does not involve an inventive step in the light of documents 1 to 3.